Sanchit Mahajan

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Professional Summary

Full-Stack Developer with a strong foundation in Linux systems administration (Red Hat Certified System Administrator). Experienced in leading technical teams, building scalable SaaS platforms, implementing secure backend systems, and leveraging machine learning techniques to solve real-world problems.

Tech Stack

- **Tech Stack**: React.js, Next.js, Tailwind CSS, Node.js, Express, FastAPI, Django
- **Languages/DB**: JavaScript, Python, Bash, MongoDB, PostgreSQL
- **Cloud/DevOps**: Docker, Podman, Linux (Red Hat/CentOS), RHCSA

Education

SRM Institute of Science and Technology, B. Tech in Computer Science with Specialization in Cyber Security — Sept 2022 – Present

- **GPA:** 8.71
- **Leadership:** Vice President of Liftoff (Product Lab & Student Tech Club)
- **Achievements:** Winner: Code Craft Chase 2025, a Cyber Security Hackathon

Experience

Vice President, Liftoff – Chennai, TN — Oct 2023 – Present

- Designed and led a structured onboarding program, training 20+ developers to full-stack proficiency and mentoring teams across Web, Cloud, and ML domains, boosting club productivity by 30%.
- Directed the technical development and deployment of SaaS products, overseeing projects from concept to launch.

Summer Industrial Trainee, Intel Unnati Industrial Training Program — May 2024 – July 2024

- Developed sentiment analysis solutions for product reviews using Intel's technology stack and built scalable ML pipelines for data preprocessing and model training.
- Collaborated with industry mentors, enhancing real-world project delivery skills.

Projects

Phishing URL Detection with Machine Learning — GitHub.com/Agnishield

- Developed a machine learning-based phishing URL detection system using XGBoost and FastAPI, extracting URL features for real-time classification and scalable deployment.
- Technologies: FastAPI, XGBoost, Python, pandas, numpy, scikit-learn, tldextract, Uvicorn

Writestart — GitHub.com/Writestart

- WriteStart is an AI-powered content generation tool that helps entrepreneurs create engaging marketing content like tweets and blog posts, tailored for product launches to boost visibility and audience growth.
- Technologies: Node.js, Express, Tailwind CSS, OpenAI API, Vercel

Certifications

- AWS Certified Cloud Practitioner
- MongoDB Certified Developer Associate
- Red Hat Certified System Administrator (RHCSA)